

ADAPTIVE COMPUTING ENGINE (ACE)

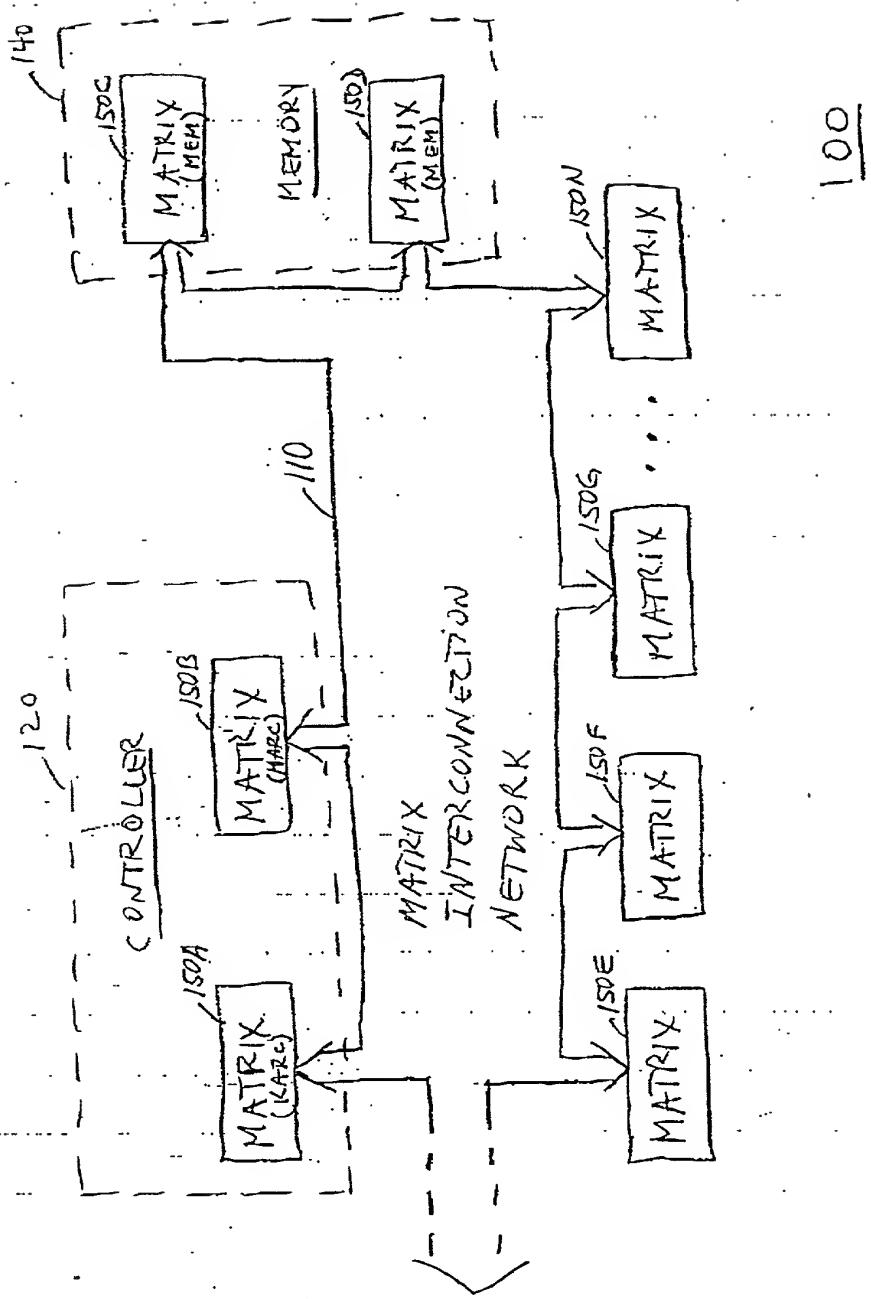
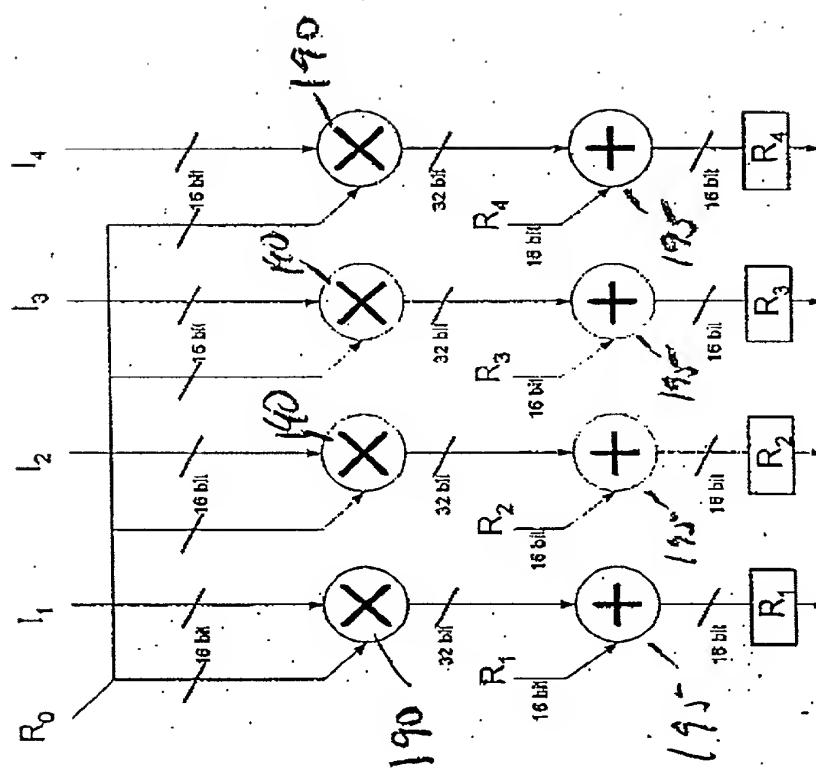


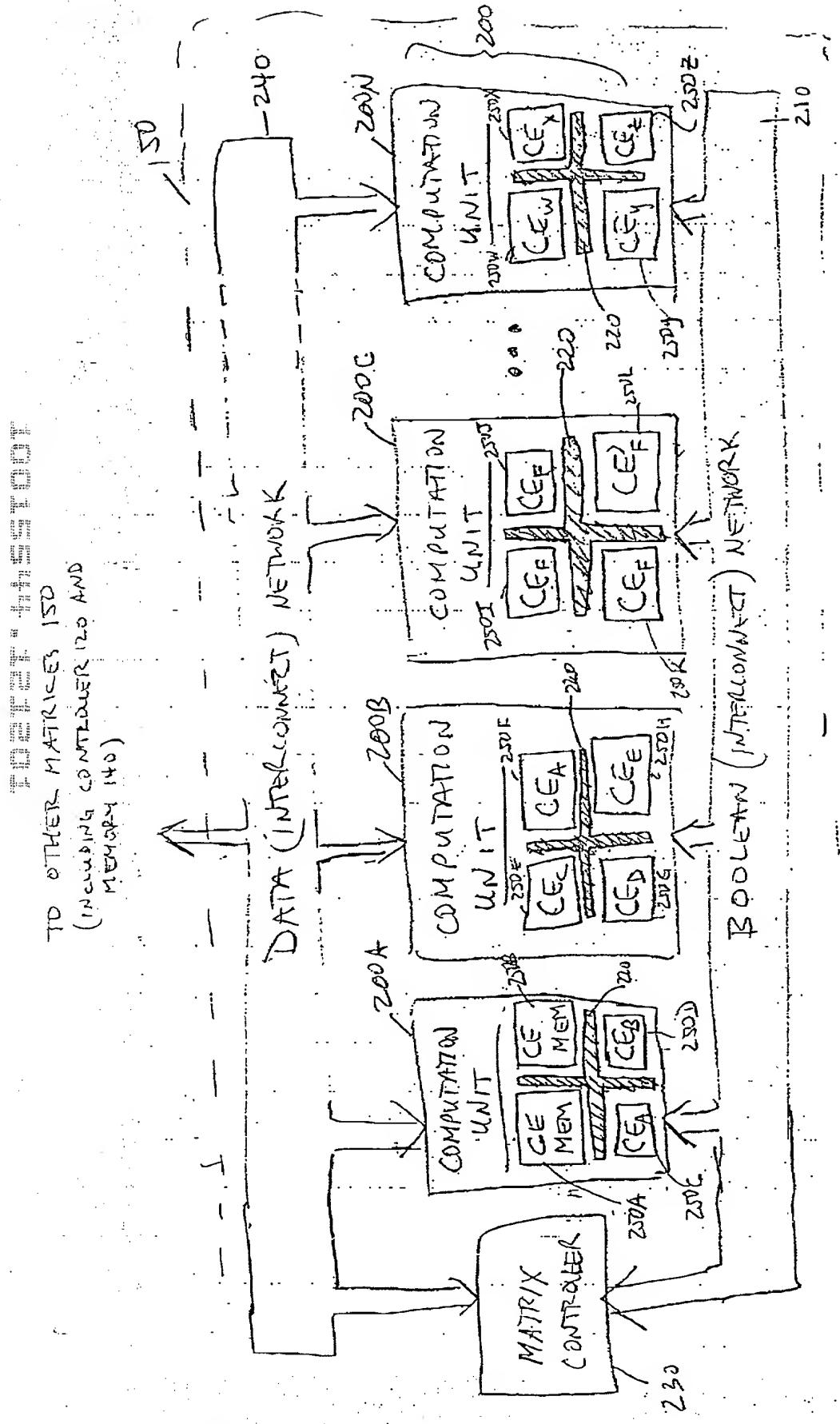
FIG. 1

190 190 190 190 190 190 190 190 190 190



F1G. 2

Fig. 3



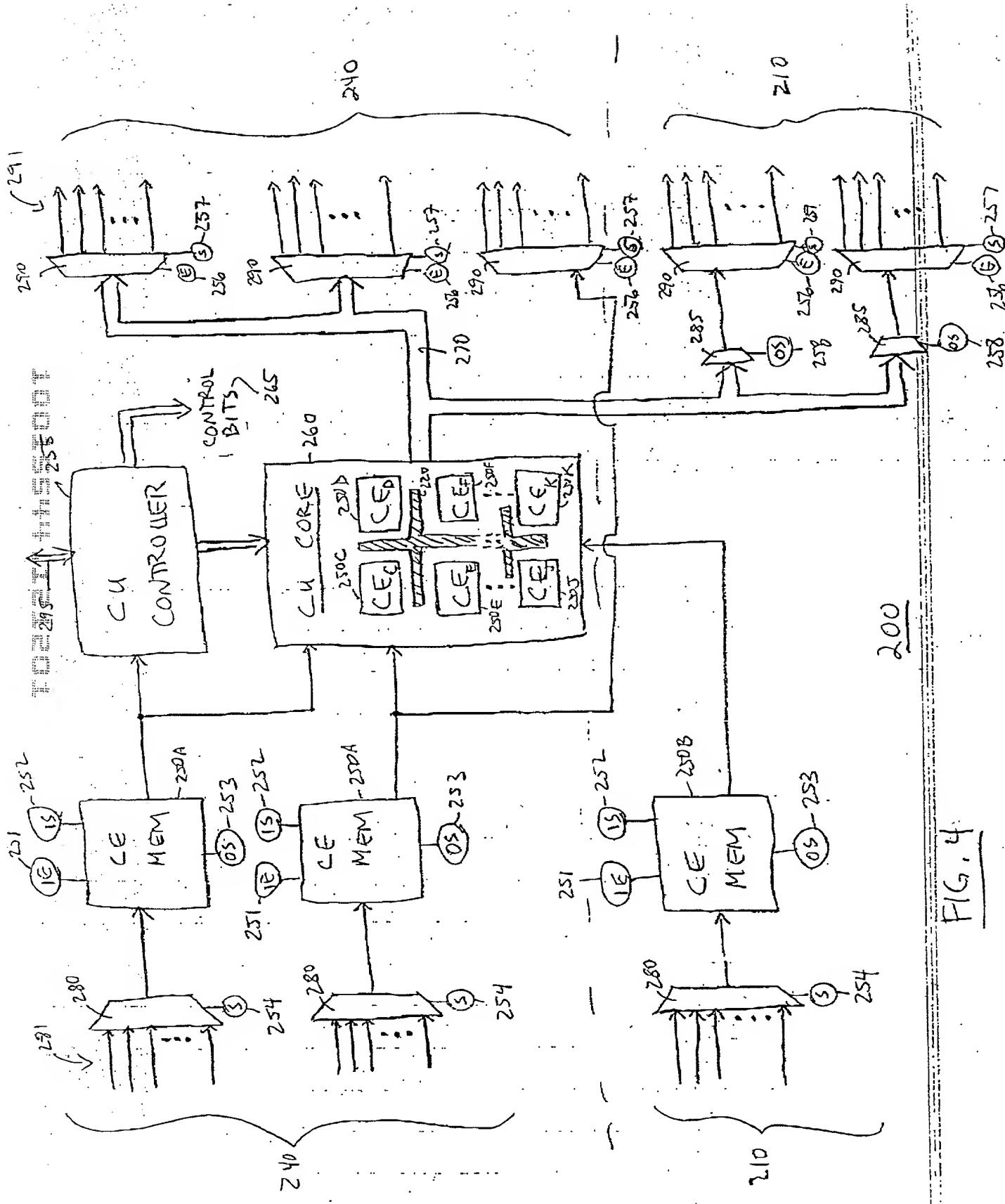


FIG. 4.

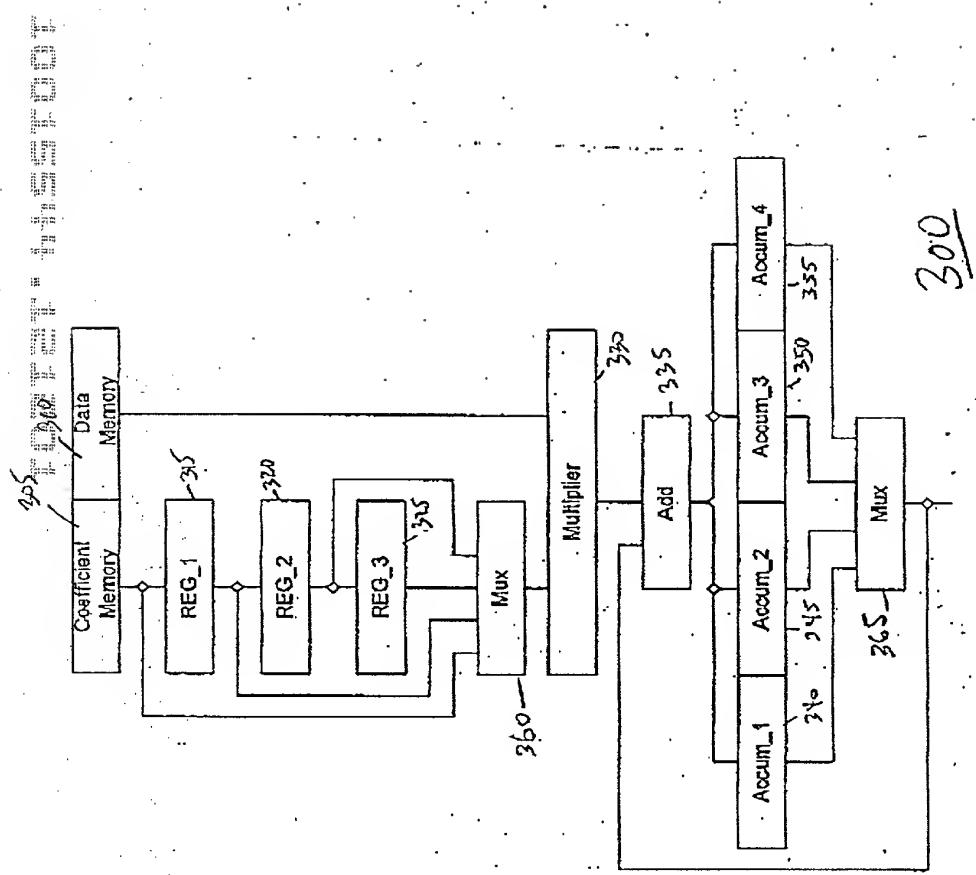


FIG. 5A

310 / 305

Data Memory

Coefficient Memory

REG_1

REG_2

315

REG_3

312

Mux

360

Add

335

Multiplier

Add

330

375

Accum_1

Accum_2

w/s

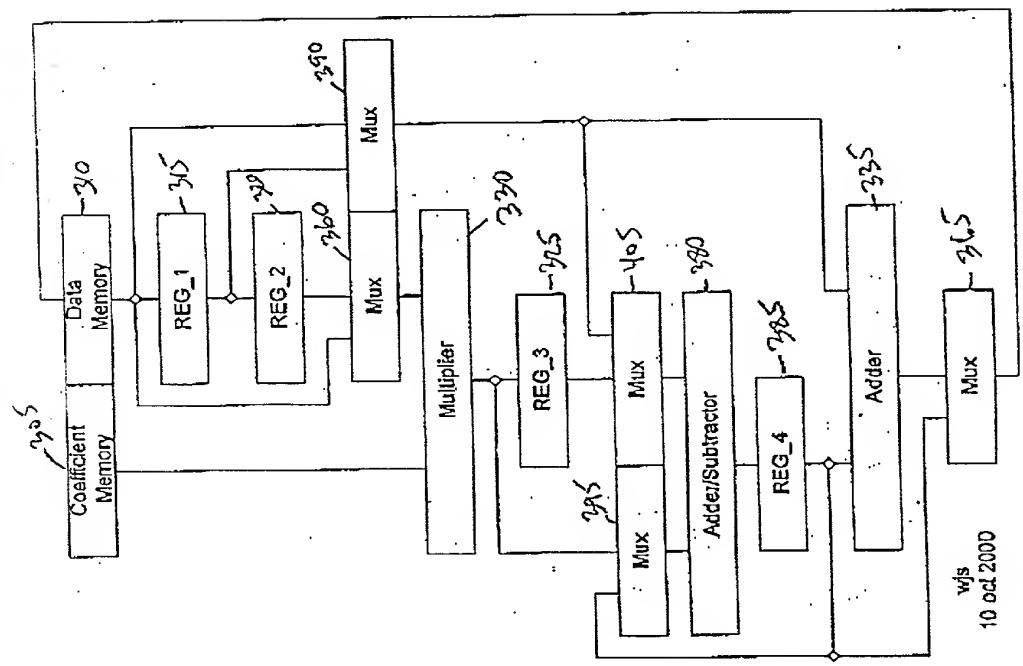
Mux

365

11 oct 2000

370

Fig. 5B



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FIG. 5C

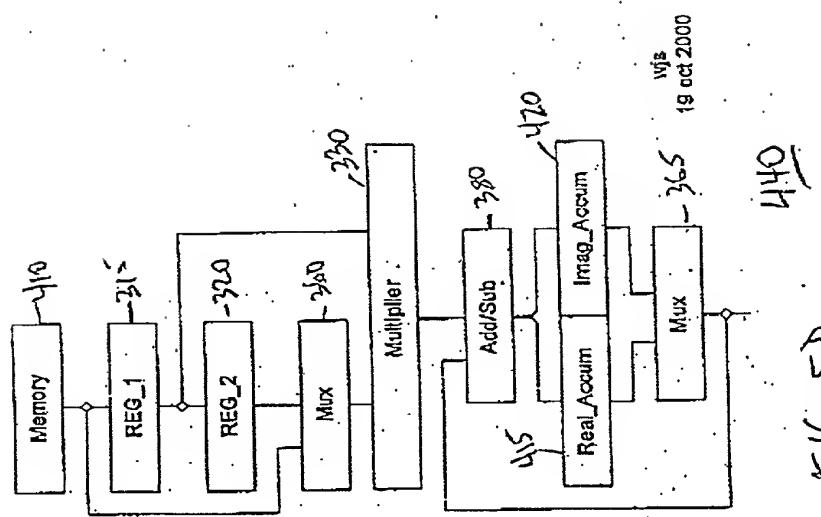


FIG. 5D

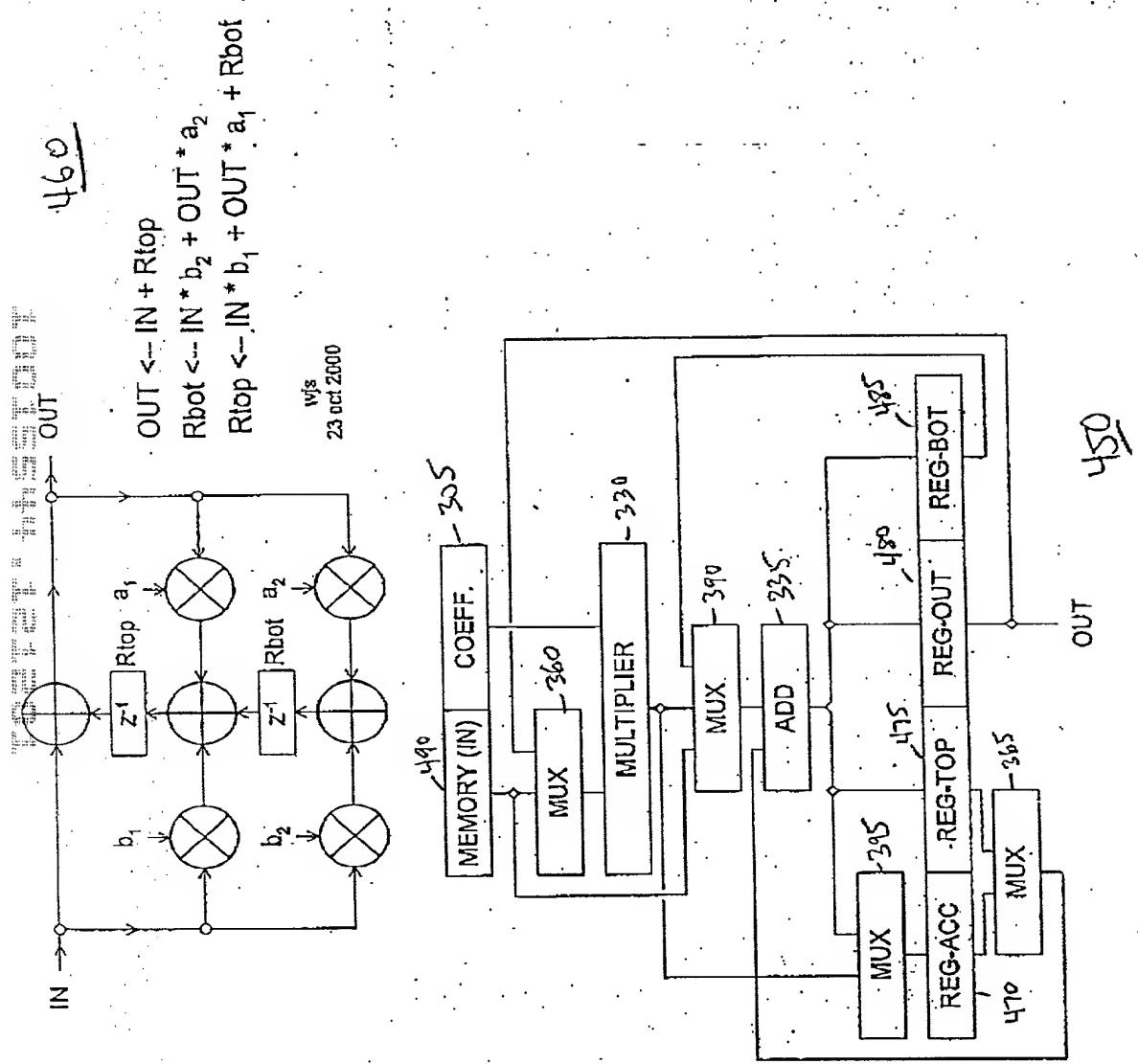
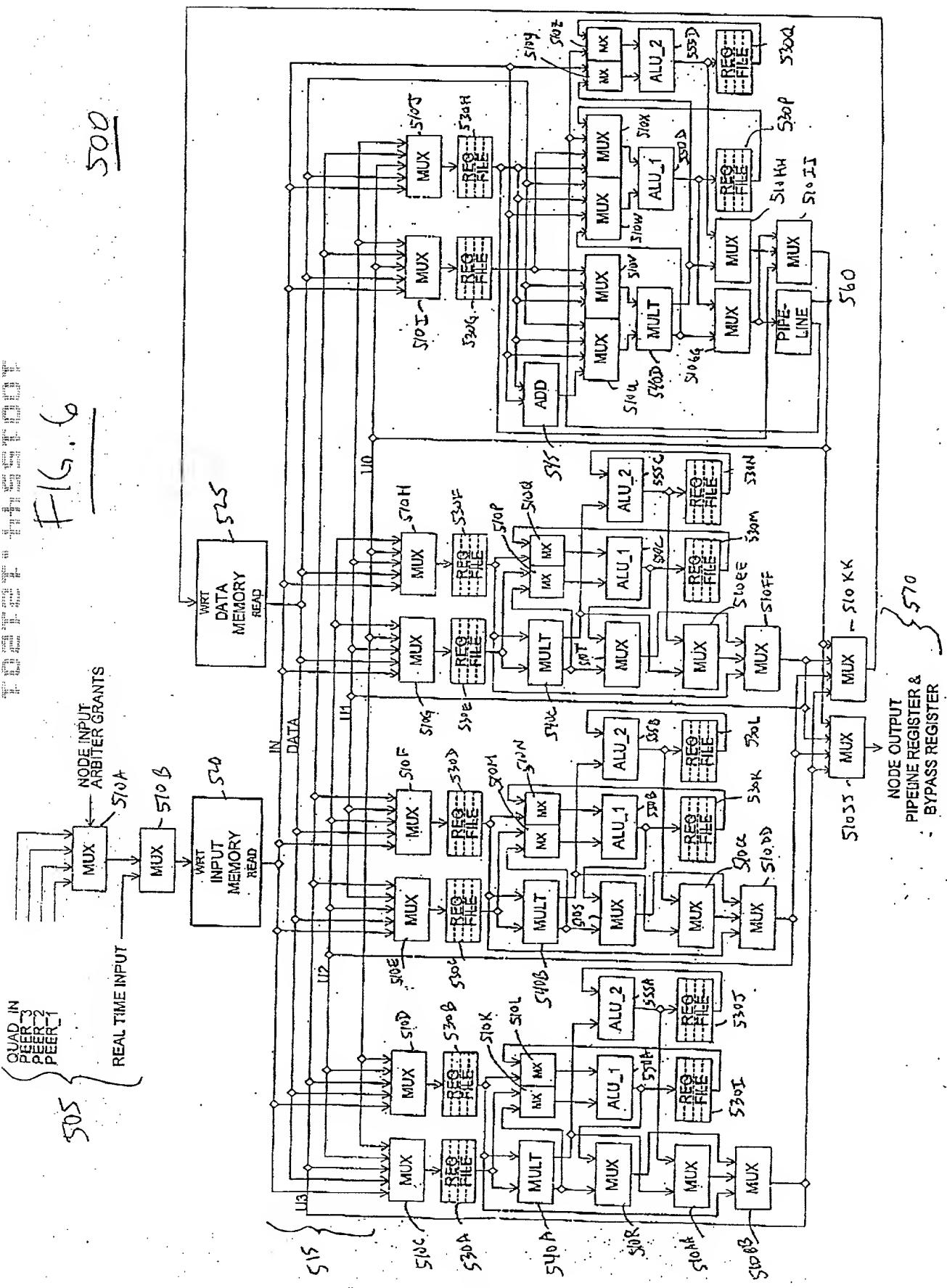
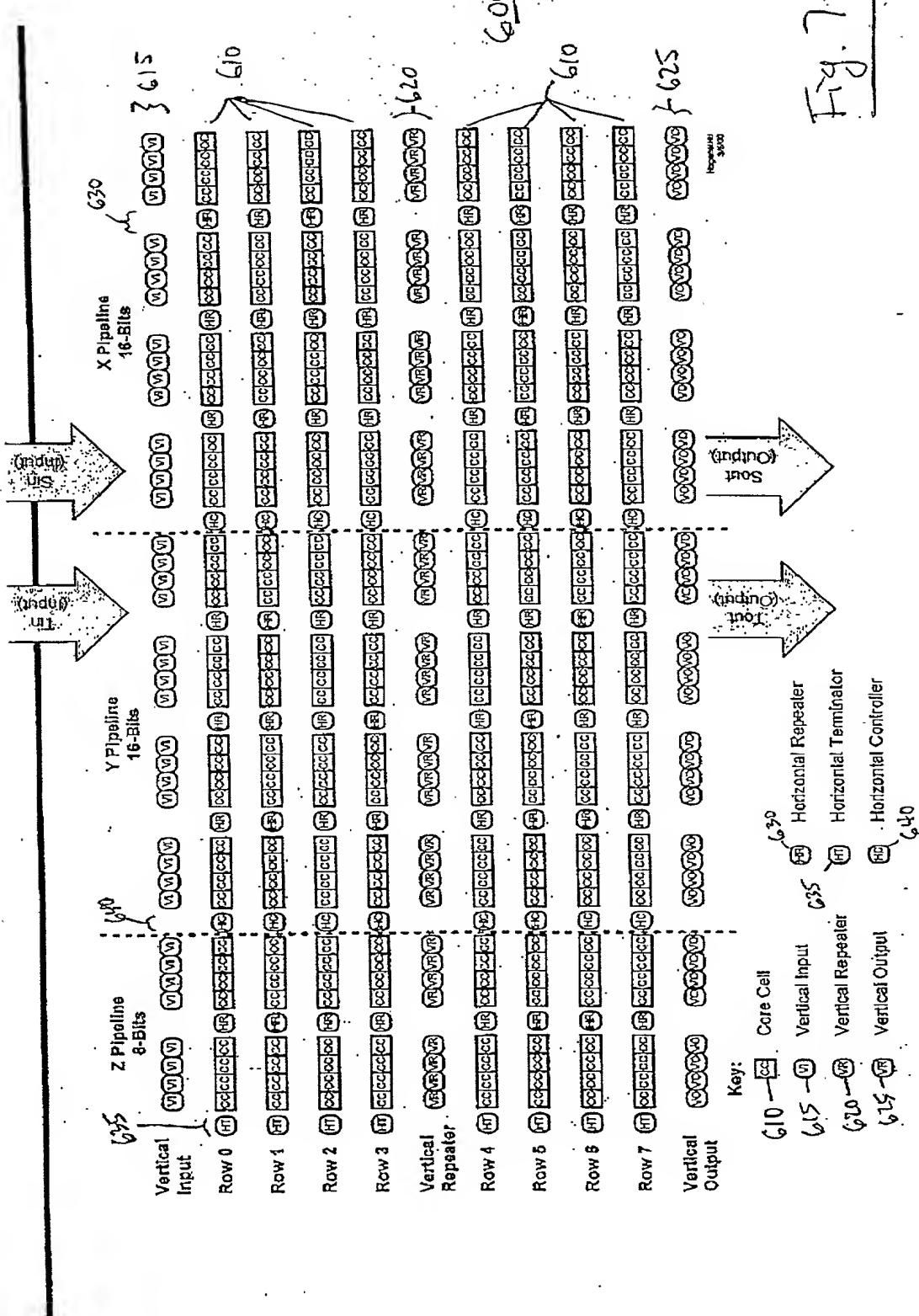
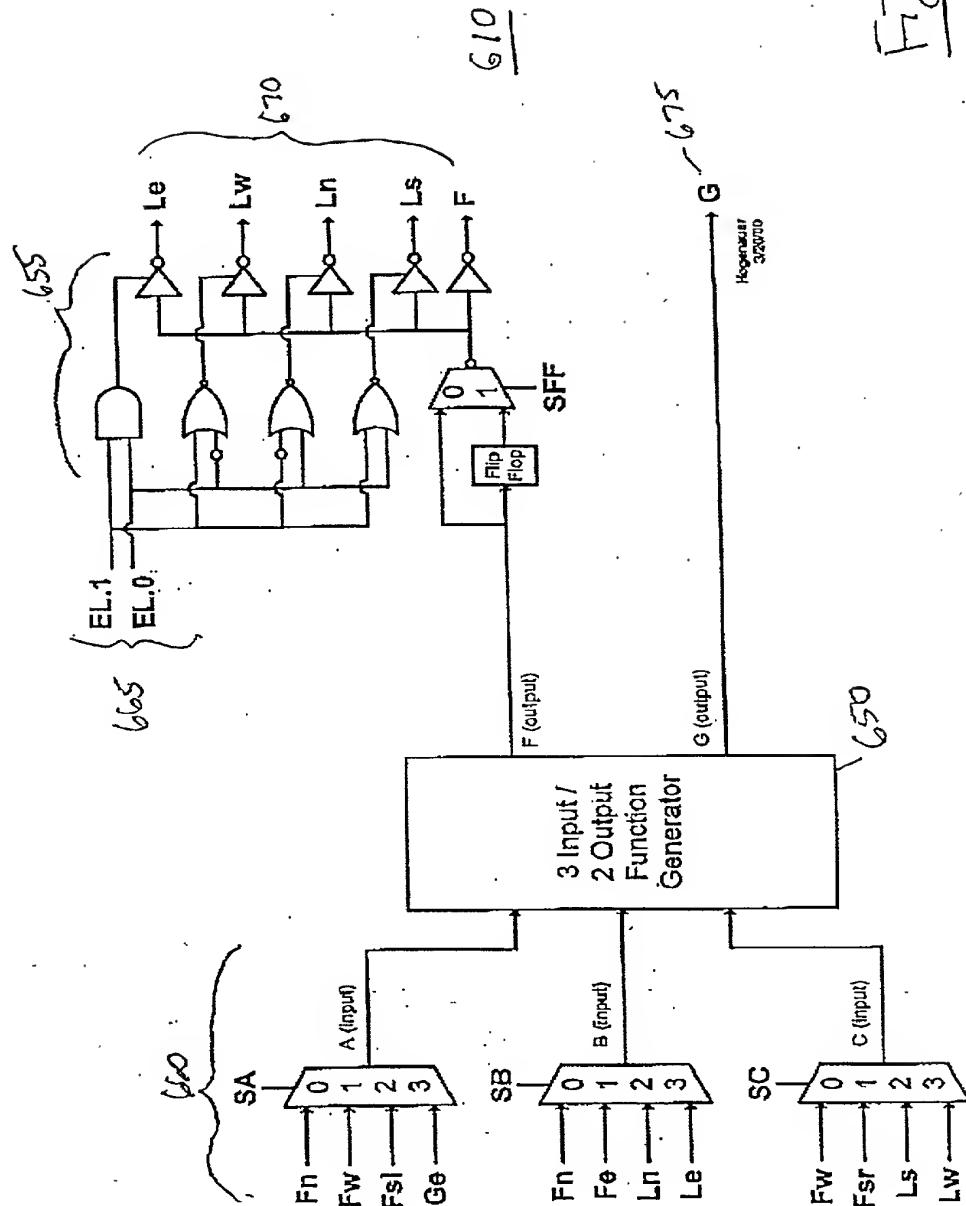


Fig. 5E

Figure 16.6 shows the internal architecture of a node in a distributed memory system.

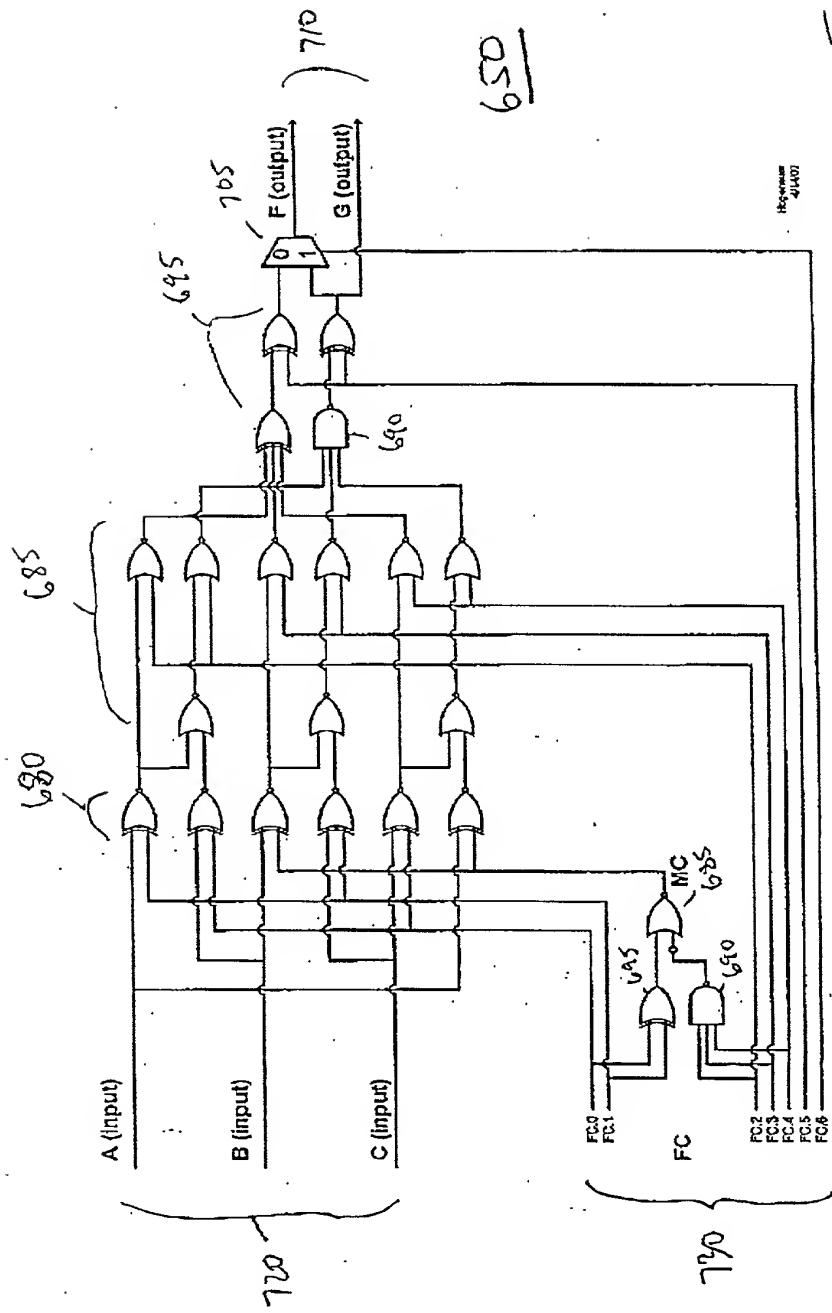


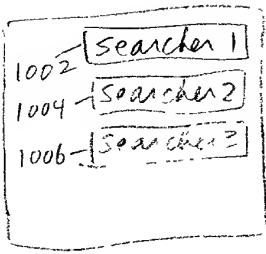




Eg. 8

Fig. 9



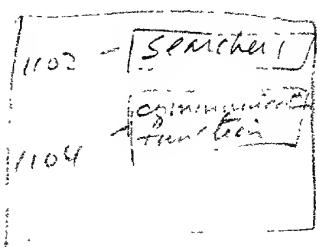


At power-up

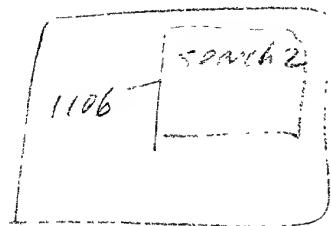


After system acquisition

FIG. 10

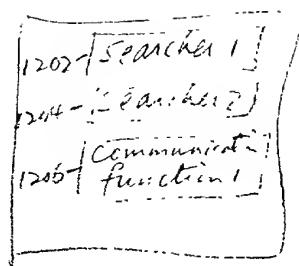


Before re-allocation

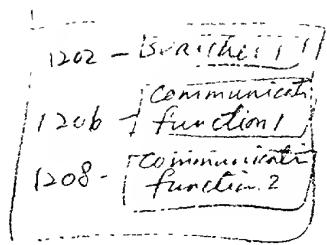


After re-allocation

FIG. 11

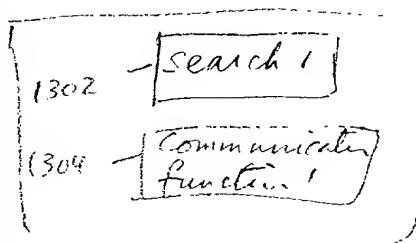


Before re-allocation

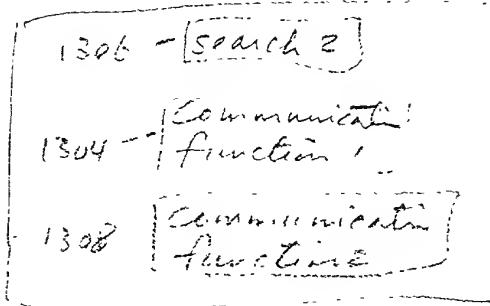


After re-allocation

FIG. 12



Before re-allocation



After re-allocation

FIG. 13